

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (15th NOV' 2012)	715 MW	694 MW	-3.01%
Maximum Energy (15th NOV' 2012)	14.4 MW	13.3 GWh	-7.64%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

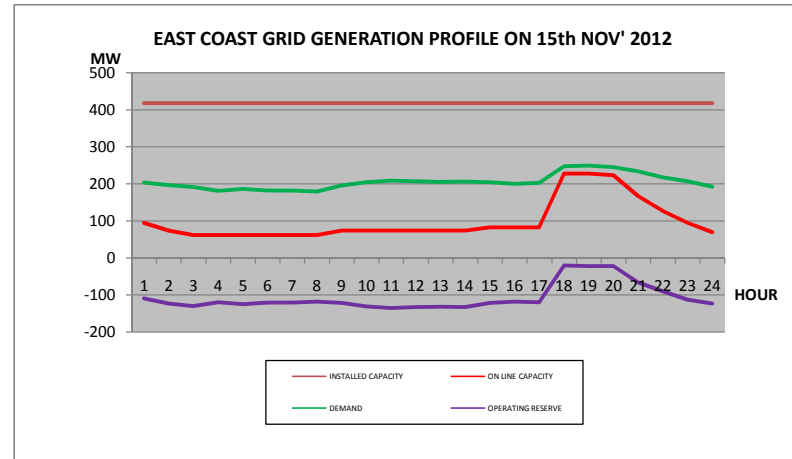
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

20-Nov-12

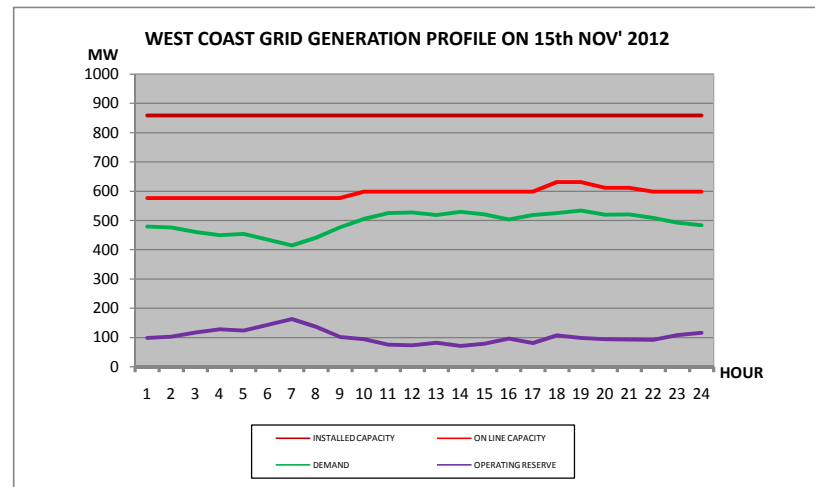
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9
ON LINE CAPACITY		95	74	62	62	62	62	62	62	74	74	74	74	74	74	83	83	83	228.5	228.5	224	168	127	95	70
DEMAND		204.01	197.04	191.67	181.51	186.21	182.34	181.94	179.45	195.49	204.86	209.06	206.77	205.51	206.24	204.18	200.44	202.64	248.02	249.37	245.22	233.96	217.31	207.09	192.71
OPERATING RESERVE		-109.01	-123.04	-129.67	-119.51	-124.21	-120.34	-119.94	-117.45	-121.49	-130.86	-135.06	-132.77	-131.51	-132.24	-121.18	-117.44	-119.64	-19.52	-20.87	-21.22	-65.96	-90.31	-112.09	-122.71
East Cost		12143.6	9588.2	8612.5	8492.35	8656.98	8692.01	8668.07	8885.94	9820.05	10110.5	10144.4	10247	9892.25	9868.31	10747.7	11046.1	10951.7	22820.3	23515.5	24098.1	18431.9	14672.9	12120.1	9631.9

EAST COAST GRID OPERATION



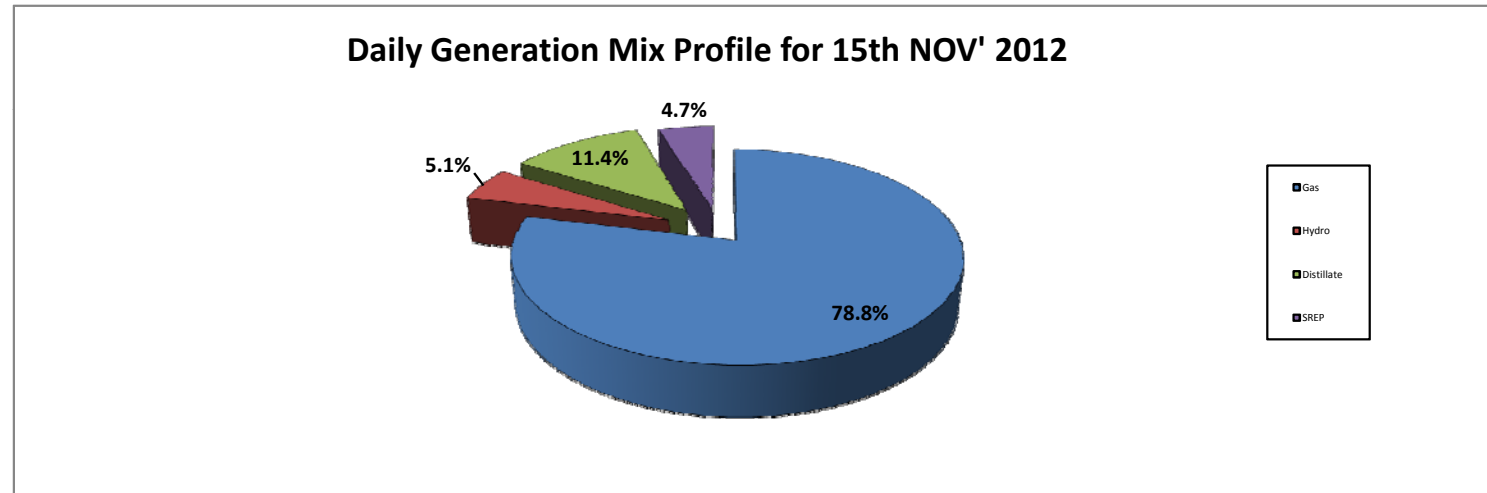
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		577	577	577	577	577	577	577	577	577	599	599	599	599	599	599	599	599	631	631	612	612	599	599	599
DEMAND		479	475.3	460.5	449.8	453.8	434.7	414.7	441.2	475.8	505.5	524.6	526.9	517.8	528.7	520.6	503.2	518.4	524.9	533.3	518.7	520	508.2	491.8	483.5
OPERATING RESERVE		98	101.7	116.5	127.2	123.2	142.3	162.3	135.8	101.2	93.5	74.4	72.1	81.2	70.3	78.4	95.8	80.6	106.1	97.7	93.3	92	90.8	107.2	115.5
West Cost		39137.2	38885.9	37719.6	36942.3	37365.5	35897.2	35008	37047.1	39228.1	39989.7	41489.2	41524.1	40929.9	41747.1	41139.7	40295.5	41462.9	42931.5	43821.9	41617.4	41594	40038.1	39145.4	38490.7

WEST COAST GRID OPERATION



Generation Mix Profile for 15th November 2012

Gas	10,866 MWh
Hydro	707 MWh
Distillate	1,569 MWh
SREP	652 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	397.20 MWh	1,469.80 MWh	621.00 MWh	- MWh
IPP	1,171.90 MWh	9,395.70 MWh	85.60 MWh	- MWh
SREP	- MWh	- MWh	- MWh	652.40 MWh
TOTAL	1,569.10 MWh	10,865.50 MWh	706.60 MWh	652.40 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	3%	11%	5%	0%
IPP	8%	68%	1%	0%
SREP	0%	0%	0%	5%
TOTAL	100%	100%	100%	100%
TOTALLY	13,793.60			

DIST (IPP)	8%
DIST (SESB)	3%
SREP	5%
GAS (SESB)	11%
GAS (IPP)	68%
HYDRO (SESB)	5%
HYDRO (IPP)	1%
total	100%

